

INDA

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/786,212
Source: PCT09
Date Processed by STIC: 3/21/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or;
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Raw Sequence Listing Error Summary

PCT09

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 09/786,212

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 ✓ Use of <220> Sequence(s) 266 missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



PCT09

**Does Not Comply
Corrected Diskette Needed**

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/786,212

DATE: 03/21/2002
TIME: 15:36:05

Error on p. 7

Input Set : A:\seq listing.txt
Output Set: N:\CRF3\03212002\I786212.raw

4 <110> APPLICANT: GeneSense Technologies, Inc.(et al.)
6 <120> TITLE OF INVENTION: Antisense Oligonucleotide Sequences Derived
7 From groEL groES As Inhibitors of Microorganisms
9 <130> FILE REFERENCE: 683-114US
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/786,212
12 <141> CURRENT FILING DATE: 2000-11-20
14 <150> PRIOR APPLICATION NUMBER: US 60/166,249
15 <151> PRIOR FILING DATE: 1999-11-18
17 <160> NUMBER OF SEQ ID NOS: 509
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23 <212> TYPE: DNA
24 <213> ORGANISM: Escherichia coli
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/786,212

DATE: 03/21/2002

TIME: 15:36:05

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Output Set: N:\CRF3\03212002\I786212.raw

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69 <213> ORGANISM: Escherichia coli
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104 atggttaccg acctgccgaa aaatgatgca gctgacttag gcgctgctgg cggtatgggc 1980
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RAW SEQUENCE LISTING

DATE: 03/21/2002

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TIME: 15:36:05

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Output Set: N:\CRF3\03212002\I786212.raw

108 <211> LENGTH: 2006

109 <212> TYPE: DNA

110 <213> ORGANISM: Escherichia coli

112 <400> SEQUENCE: 3

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115 tggctgtcgg caatggccgt atccttgaaa atggcgaagt gaagccgctg gatgtgaaag 180
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150 <212> TYPE: DNA

151 <213> ORGANISM: Escherichia coli

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156 tgcgcggcgt aaacgtactg gcagatgcac tgaaagttac cctcgggtcca aaaggccgta 180
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158 ctcgtgaaat cgaactggaa gacaagttcg aaaatatggg tgcgcagatg gtgaaagaag 300
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TIME: 15:36:05

Input Set : A:\seq listing.txt

Output Set: N:\CRF3\03212002\I786212.raw

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183 a 1741

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185 <210> SEQ ID NO: 5

186 <211> LENGTH: 2401

187 <212> TYPE: DNA

188 <213> ORGANISM: Streptococcus pneumoniae

190 <400> SEQUENCE: 5

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193 tttggcagat ttggtcttgg aagaggaaga attgccattt taagaattaa aaagtctgag 180
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208 atccctgttg ccaataaaga agctatctct caagttgcag ccgtatcttc tcgttctgaa 1080
209 aaagttggtg agtacatctc tgaagcaatg gaaaaagttg gcaaagacgg tgtcatcacc 1140
210 atcgaagagt cacgtggtat ggaaacagag cttgaagtcg tagaaggaaat gcagtttgac 1200

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/786,212

DATE: 03/21/2002

TIME: 15:36:05

Input Set : A:\seq listing.txt

Output Set: N:\CRF3\03212002\I786212.raw

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211 cgtgggttacc tttcacagta catgggtgact gatagcgaaa aaatgggtggc tgaccttgaa 1260
212 aatccgtaca ttttgattac agacaagaaa atttccaata tccaagaaat cttgccactt 1320
213 ttggaaagca ttctccaaag caatcggtcca ctcttgatta ttgcggatga tgtggatggc 1380
214 gaggtctctt caactcttgt tttgaacaag attcgtggaa ccttcaacgt agtagcagtc 1440
215 aaggcacctg gttttgggtga ccgtcgcaaa gccatgcttg aagatatcgc catcttaaca 1500
216 ggcggaacag ttatcacaga agaccttggg cttgagttga aagatgcgac aattgaagct 1560
217 cttggtcaag cagcgagagt gaccgtggac aaagatagca cggttattgt agaagggtgca 1620
218 ggaaatcctg aagcgatttc tcaccgtgtt gcggttatca agtctcaa at cgaaactaca 1680
219 acttctgaat ttgaccgtga aaaattgcaa gaacgcttgg ccaaattgtc aggtgggtgta 1740
220 gcggttatta aggttggagc cgcaactgaa actgagttga aagaaatgaa actccgcatt 1800
221 gaagatgccc tcaacgtcac tcgtgcagat gttgaagaag gtattgttgc aggtgggtgga 1860
222 acagctcttg ccaatgtgat tccagctgaa gctaccttgg aattgacagg agatgaagca 1920
223 acaggacgta atattgttct ccgtgcttgg gaagaaccg ttcgtcaa at tgctcacaat 1980
224 gcaggatttg aaggatctat cgttatcgat cgtttgaaaa atgctgagct tggatatagga 2040
225 tttaacgcag caactggcga gtgggttaac atgattgatc aaggtatcat tgatccagtt 2100
226 aaagtgagtc gttcagccct acaaaatgca gcatctgtag ccagcttgat tttgacaaca 2160
227 gaagcagtcg tagccaataa accagaacca gtagccccag ctccagcaat ggatccaagc 2220
228 atgatgggcg ggatgatgta agctttctat agaaaacaac ttataaaaaa cacaaaagga 2280
229 gggaatgact aacccttctt tttataggct ctttgtcaac tgtagtgggt tgaagtcagc 2340
230 taagctcgag aaaggacaaa tttcgtcctt tcttttttga tgttcaaagc gataaaaatc 2400
231 c 2401
233 <210> SEQ ID NO: 6
234 <211> LENGTH: 2107
235 <212> TYPE: DNA
236 <213> ORGANISM: Streptococcus pneumoniae
238 <400> SEQUENCE: 6
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240 tttatcttga gaaagtcaga cttttttctt gattatttct gactaagtga tacaatagaa 120
241 ctatgaatta gcaactcagg ataaagagtg ctaataatat ctatctcatt atggaggaaa 180
242 tcagatgttg aaaccattag gggaccgttt ggtcttaaaa gtagaagaaa aagaacaaac 240
243 tgttggaggc tttgttctcg cagggttcagc ccaagaaaaa accaaaacag cccaagttgt 300
244 ggctactgga caaggtgttc gtaccttgaa cggtgacttg gttgctccaa gtgttaaaac 360
245 tggagaccgt gtcttagttg aagcccacgc aggtcttgat gtcaaagatg gcgatgaaaa 420
246 gtatatcatc gtaggcgaag ctaacatctt ggcaatcatt gaagaataga aggagaaagt 480
247 aagtatgtca aaagaaatta aattttctat agatgccgtt tcagctatgg tccgtggtgt 540
248 cgatatcctt gcagatactg ttaaagtaac cttgggacca aaaggtcgca atgtcgttct 600
249 tgaaaaatca tttggctcac cattgattac caatgacggt gtgactattg ccaaagaaat 660
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257 acagtacatg gtgacagata gcgaaaaaat ggtggctgac cttgaaaatc cgtacatttt 1140
258 gattacagac aagaaaattt ccaatatcca agagatcttg ccacttttgg aaagcattct 1200
259 ccaaagcaat cgtccactct tgattattgc ggatgatgtg gatggcgagg ctcttccaac 1260
260 tcttgttttg aacaagattc gtggaacctt caacgtagta gcagtcaagg cacctggttt 1320
261 tggtagaccg cgcaaagcca tgcttgaaga tatcgccatc ttaacaggcg gaacagttat 1380

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VERIFICATION SUMMARY

DATE: 03/21/2002


PATENT APPLICATION: US/09/786,212

TIME: 15:36:06

Input Set : A:\seq listing.txt

Output Set: N:\CRF3\03212002\I786212.raw

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L:3326 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:266
L:3328 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:3328 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:

<210> SEQ ID NO 266
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<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: : 
<400> SEQUENCE: 266
cacaccatcg ttgccacac

- requires explanation of genetic source
see error summary sheet item 11